

Applicant: Van Soest, R.  
Application No.: Unassigned  
Filing Date: Herewith  
Docket No.: 903-186 PCT/US  
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**B. Amendments to the Claims:**

Please amend the claims as follows:

Claim 1. (Currently amended): Device for inspecting objects with a substantially spherical surface, such as for example eggs or fruit, comprising optical observation means for observing the objects, a supporting surface for supporting the objects and a light source for illuminating the objects, characterized in that wherein the device comprises a box with reflective walls which is positioned above the supporting surface and in which the light source and the observation means are accommodated.

Claim 2. (Currently amended): Device according to claim 1, in which wherein the supporting surface comprises a conveyor for conveying the objects through the box past the observation means.

Claim 3. (Currently amended): Device according to one of the preceding claims claim 1, in which wherein the box is substantially rectangular and has a top wall and four side walls.

Claim 4. (Currently amended): Device according to claim 1, in which wherein at least the side walls are designed to be reflective.

Claim 5. (Currently amended): Device according to one of the preceding claims claim 1, in which wherein the reflective walls of the box have a coefficient of reflection of at least 0.8.

Claim 6. (Currently amended): Device according to one of the preceding claims claim 1, in which wherein the reflective walls are made from metal.

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Claim 7. (Currently amended): Device according to ~~one of the preceding claims~~ claim 1, ~~in which~~ wherein the light source is arranged on the top side of the box.

Claim 8. (Currently amended): Device according to claim 7, ~~in which~~ wherein the light source has a uniform radiation plane.

Claim 9. (Currently amended): Device according to claim 7 or 8, ~~in which~~ wherein the light source comprises one or more lamps which are distributed substantially uniformly.

Claim 10. (Currently amended): Device according to claim 8, ~~in which~~ wherein the light source comprises one or more diffusor plates which cover the lamps on the inside of the box.

Claim 11. (Currently amended): Device according to claim 1 ~~to 10 in so far as the latter is dependent on claim 3, in which~~ the ~~wherein~~ the box is substantially rectangular and has a top wall and four side walls, ~~wherein~~ the light source is arranged on the top side of the box, ~~the light source comprising~~ one or more diffusor plates ~~which cover the lamps on the inside of the box so as to form a uniform radiation plane and the top wall of the box.~~

Claim 12. (Currently amended): Device according to claim 1, ~~in which~~ wherein the optical observation means comprise at least one camera.

Claim 13. (Currently amended): Device according to claim 12, ~~in which~~ wherein the device has at least two cameras which are arranged on opposite sides of the box.

Claim 14. (Currently amended): Device according to claim 1, ~~in which~~ wherein the device comprises a computer which is coupled to the optical observation means in order to compare the observations with predetermined reference values for automatic selection of the objects.

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Claim 15. (Currently amended): Device according to claim 1, ~~in which~~ wherein the reflecting walls of the box are mirrors.